

## 098610-0501

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file;

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based on said at least one attribute.

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Java compiler extension.

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size, or class of said Java object.



14. A Java computing environment as recited in claim 13, wherein said runtime performance manager includes a database that can be used as input by the second software module to generate said at least one attribute.

15. A Java computing environment as recited in claim 11, wherein said first software module is a compiler extension or a software tool suitable for analyzing a Java application.

16. A computer readable media including computer program code for customizing a Java runtime environment for a Java application suitable for execution in a virtual machine, said computer readable media comprising:  
computer program code for marking one or more Java Bytecodes associated with a Java class file;

computer program code for generating at least one attribute for said one or more marked Java Bytecodes; and

computer program code for loading at least one feature of Java runtime into said virtual machine based on said at least one attribute.

17. A computer readable media as recited in claim 16, wherein said computer program code for loading operates to load a feature only if said feature has an associated attribute.

18. A computer readable media as recited in claim 16, wherein said computer program code for marking is performed by a Java compiler extension.

19. A computer readable media as recited in claim 16, wherein said computer program code for marking is performed by a software tool suitable for analyzing performance of a Java application in the runtime environment.

20. A method as recited in claim 19, wherein said marked Java Bytecode is associated with a Java object that has an attribute that is of interest.

21. A method as recited in claim 20, wherein said attribute is the life span,  
5 size, or class of said Java object.

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